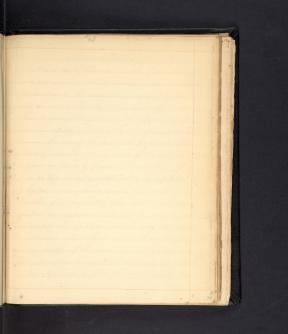
Paper March 12 1 1827 Saiopathic Indigestion John Z. Histor of Reading Benneyelvania. stitute for exercise and temperance" Speck No 195





+ Johnson on the Influence of Ciair Life re

Introductions.

It is a touth founded on the firm basis of extended experience that, disesses increase in direct proportion to the advancement of civilization ,and to none is this observation more applicable than to insignation. Luxury, the offspring of refine ment in society, indeed; is the very parent of this disease; for among the sone of the forest and the hardy Joeasan try, derangements of the signstine organs are scarcely known. The sedentary life of a man in aivilized society, and a hast of moral or Johnsical circumstances around him, render it a matter of imposibility that wolition shale not follow an apparently temperate regimen; and in reality this replation, and the irregular state of plethora which thence result, characterize nine tenths of the xises of civilized life" to this observation be correct, which, from the high authority whence it comes, we have no reason tos



asubt, then the high importance of this subject is sufficiently established. as I have been for a long time severely afflicted with insignstion myself, and have of course reflected much on its nature and treatment, not only as it occured in myawn Joesson, but also in many others, I have thought Joroper to make This the subject of my inaugural essay; and hope that my observations and deductions, after meeting with your approbation, may hereafter serve me as sound data in mitigating a few of the evils of mankind. I shall in the first place enumerate - . the symptoms as far as is practicable; next of shall make same observations on the cause and To a thology; and lastly, the treatment shale re =: ceive a full consideration.



So exceedingly numerous and unsettled are the signs which characterize a depraced state of the digestive organs, in its various degrees and modifications, that to describe with accuracy all, or even a majority of them, is certainly a difficull undertaking; but by giving a history of the most prominent and common symptoms of inaigustion, we shall scarcely ever he at a lof to distinguish the disease. The first symptoms of insispesition are flatutines, indicated by exectations, sour or fe = tio, considerable opportsion same time after taking food causing difficulty of respiration, and frequent deep inspirations, with a sense of stricture about larget. The appetite is very variable, sometimes varacions, at other times very deficient or fastidians. The patients ordinary cherfulnes will. at times for sake him, and he will become dull

and lettly, experiencing these preceder sensations designates by the term course; at other times he will be precised as after the time of a contribute. He houses are after ment cotten or sens or the of the external settlement, to the first course, then, the first course thou, the faces are hand and any formed into small lamps, souther of a before colour, but more precise good start; when a series colour, and more precise good sand; when a series over the time of the colour, approaching to what, mind with indigeted for times of food.

Thus the parties of may continue for such, or soon months attending to his owniness to have a soon a tone, and properly attended to have air as a family the faciling are often externed, where we have been the second and the second account and the second account about the disease advances should had an termine upon the second in account for time the tendence on the tendence in a consumer to the second and the second in a consumer to the second and the second account to the pagarage of the facture he a literary

+ Calles "morbus iruditorusi". 2"

man, and in ardent piersuit of same favourite branch of boaringhe will be the more liable to have the disease confirmed; for his mind being duply engaged with the objects of his study, he will overlank all slighter sensations of indisposition, and will thus fale an easy victor to a siscore to which the studious are proverbially obnoxious. The symptom new assume a more ag = gravated character. The patient becomes pale and emaciated; the muscular system plabby and us land; the skin dry and harsh. a burning sonsation is fell in the palms of the hands, and, the soles some times in the soles of the ful, had given ale, The ful and ankles are colds. The tongue is covered with a white far in the middle, and particularly to = wards its back part, but its edges are clean, and of ten more not than natural. I have observed in several cases the Toapilla of the tengen very much enlarged and of a searled calaur. The pa-



tient is at this time frequently affected with vaniting, has constations, samutimes of a couse or acid nature, at other times resembling The taste of putris eggs, or sulphuretted hy wrogen; hi complains of an unpleasant taste in the month, and very fetid breath. The bawels are for the part obstinately costine, and the stores of a very dark colour a hard consistence. after these symptoms have existed for some time, there is a tenderness fell in the epigastric region which is much increated on Toupure; the skin often apunes a dook sallow, or brawn wh hue, and is so tightly adherent to the subjacent parts that it is with difficulty pointed up; the third is considerable, sametimes very xistreping; the pulse is small, hard, and frequent. The head is affected with pain in wa rious parts, but commonly over the eye- hales; a sensation of colones is of ten fell in the occipiet asif color water were posured over it, or a said stream

of color are directed upon it. Vertige and form wenter vision soi of an alter don't in indiges a tion, and there are some cases related when tetal blenwares has accurate. The patient is haraful touth saires in the con, a passe less time through of the museular fields of the loan systematic and spasser, for triends for the loan systematic as is stage, if such a state of the loan systematic see that term is very unapressing. I because, might not be some line to many internal that the many inselfant when in upon him and seemen, inselfantly break in upon him and willow his shown here.

But the conference sufferings an far more tolerable than there which coin - mandy about the mind. On dision of issue, less of memory, in a belief to fix the attention, and the deput department of spirits are commen attendent on this sissue. In prayment also is very often much strongely percented. The pray

tunt is always disposed to view things in their must unpropitious light, and this is more partie ularly the case in regard to his own aisease. John ous foylores, ulcerated liver, inducated splum, and wisne of the acrta, all in their most dismal forms hauns the distempered imagination of the dijected subject of insignstion. Besides the symptoms above enume rated, there are several others which require notice. On incepant gonnation of acid in the stomach is one of the most distreping. This same times exist from the commencement of the dis case, at o ther times it only comes on after the symp tous above enumerated have continued for some time. - The patient feels an ince pantly grewing To ain in the stomach resembling the servation of hunger, has acid concetations, and frequent ejec tions of a transparent visco liquid, so extremely acid as to make the "teeth stand on edge", and



give much pain in its papage through the assophages and pharyry. It also renders the stomach in the vicinity of the cardia so very sensible that The least prepure from the gases that are continually evolved, gives the partient much uneasiness. Byrois, or water brash is frequently met with. This is a very copiers discharge of limped fluid from the manth, having as strong by brakish taste, after accompanies with a constriction of the fances, and some times to such a deque as to prevent articulation. after the disease has can tinued in this aggravated form for a length of time, the brain aften becomes so seriensly as to cause paralysis of some of the extremities, or even hemiplegia.



These may be divided into such as act di really upon the stomach, or, indirectly upon it Through the general system or the miximum of the mind. aming the most prominent of the first are, the very injurious practice of gormandizing, the too liberal use of spiritusus liquors or opium, the two common practice of using, or perhaps more correct by of abusing to bacco; which last cause, friguent by alone, but generally in combination with others is the most common, particularly among the young and studious. The few eresplayment of warm dil wind drinks, such as tea a coffee, or even the immoderate use of simple cold water will induce the disease. Gertain medicines, when injudice ciously taken or too long continued, are said to proance it, such as nitrate of potash, the alkalism among the causes which operate in the

second manner mentioned, or indirectly upon



the significe organs, are all such as whiletate the general system, namely, acute siseass, profuse enacuations oc. all irregularities of living are fruitful causes, among which may be partie = ularly mentioned that most injurious, but lead suspected practice of Kuping late hours. Damp floor and a cold damp atmappine are common saurees of insignation to artists who are obliged to work in the confined shapes o cellars of large towns. Cariaus tuth are also enumerated among The causes of the disease. As it has been already observed that dypospia is almost peculiar to the secentary, it is unnecessary to say what share a neglect of exercise has in its production. In tense application to study, and the depreping papeires as grief, malie, disappaintment se, are also often the cause of inaigestion. Having thus recented some of the most

orainary causes of decanged diges tion I will now



proceed to offer a few observations of the for-

Lathology.

From all that I have bun able tos infer both from the physiology of the sto = mach, and the symptoms and treatment of in digestion, it appears to me very probable that the riserse is the result of a vitia to secretion from this organ, and that the secretions of the liver and Toro bably of the pawereas partake of the same nitiation, from these organs sympathizing with the morbio actions of the stomach. - It is, I be hime; a well established law of the animal econ one that if a secretory organ he either overexcited, or not sufficiently excited, the secretions thence resulting will be equally vitiated, Naw I conceive that two states of the above risera, dia metrically opposite, will produce virtually



The same effect on the process of signition. We may have, in the first place, debility, or want of excitability of the stomach, - or, seconsely, we may have a state of irritability, or chronic in = flammation, which indeed is most generally the state of this viscus; in either of which cases, according to the law above referred to, we will have an unnatural secretion, and consequently indi gestion. Greatment. This part of our subject may be sivised into Musical Greatment, Regimen, and opercise.

Medical Greatment.

Seem the pathological rains of how to, now it will be mee pary to speed of the treatment of majorition as applicable to the scholatotic - or influence state of the stomach. When the stomach is in a state of relog :

ation it is often requisite to commence the treat_ ment by the administration of an emetic, in ander to coasuate the crudities from this organ o Torepane it for the reseption of other remedies . ametics have been prescribed to answer a differ end end, namely, that of subverting diseased ac= tion, and for this prinpase it is nece pany that they shawed he frequently repeated. But is far as I are able to juage, both from theory and experience, their frequent respectation is injurious, for they indirectly debilitate the stomach when it is free from inflammation, Entertaining the shave opinions then in regard to the operation of emeties, I would usent to the Specescuenta as the lest adapted to the disease. In some instances however, the susceptibility of the stomach is so much impained, that it becomes nice pary to and a grain or two of Farterized antimony to the Specasuenha in order to give it activity.



lefter the few operation of the metic, or next ob jest should be to impart tom strength to the stomach by means of tonies, upon which, under The present circumstances, aur ohief reliance must be placed. There is scarcely a single individual musicaines in this very extensive class, that has not, at one period or other, been employed in indigestion, and the chief object to be kept in view, is not so much the nicety of selection, as the jus dicious change of these remedies. Experience has taught us that if a tonie, or insue any remedy, is can timued for too long a time, the system will become ha lituated to it, and its efficacy will in a great measure be last, and as chronic disease require chronic remedies, as is remother by the fefor boxe, this fact should never be lost sight of in the cure of dyspepsia. Colombo, Gention, Quapia, angustura, Centeury, Wild-cherry land se, se, are all proper articles and may be present



bed in their turn. Infessions are generally more appropriate than the substance, as having a less tendency to oppose the stomach. I tried the Sulphate of Quinine in my aven case in the dose of one grain four or five times a day, and as I thought, with decided advantage. The beneficial effects I have witnesser of shaly be ates will warrant me in speaking very highly in their favour. The preparations commonly emplayed were the municited Time ture and the following Journey: -B. Rubigi. Perri yp, Pulv: Colomb; Pulv: Rad: Zingi: a Zij, Divide into 34 pawders, are to be taken true times a day in a little syrup. During the whole period of tocatment quest attention much be joind to the state of the bowels,

which are generally torpied. One of the hest means

32

I am acquainted with for obvioting costinenes is a custom of acidy soliciting an alrum execuation as a Joanticular have, and repeating this if even There should not be the least natural inclination. We shall thus often susses, better than by any other me that, in establishing a habit of regularenacuation. When however these means fail, we must call in the sid of medicine. It hu hard, which Toopselses both tome and lanative properties, is well anapted, in these cases, to the subilitated state of the intestines. It may be given in power in the dase of 10, 15 or 20 grains, or, what is very con menient, a small piece may be chemed and the salina swollawed. The time ture is a preparation much resorted to, but it is objectionable on ac count of the secholic mentrion; this objec = tion obtains at all times, but appears premianly walid in chronic diseases, where the Toatient is obliged to repeat the dose frequently. Alas is one



of the best leasure we profice him while the fly from its forward action on the long intellines. If may be given in the case of from her to be given much made in off from her for from the same water is often a imple laintain, and he laids the property of review the dejected one spirits of the measure and lettinger deposition on spirits of the measure which I found mod infect in my some cose, and in several others in which I have seen foreserviced, is the following downline material seen preserviced by 5 the following downline

By bulv: Prad: Phi 711 - Alous soc: 3/9, - Specae: 905 xx, Ob: barrie gut x.

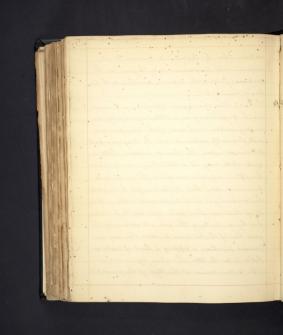
Divide into so faills; one, two, or those to be taken at historie as occasion may require.

Sometimes the bewell are in the opposite of - towns of loss rep, and it then become needpany to



ous tourn them by appropriate messes. In this purpose a little paidsonum may be jume, or the continue fully with alone or combined with ting line of King.

When there is great opprepion and weight in the opigastorie region, a little calcined magnetia in conjunction with some of the epential oils will frequently relieve it; when the magnisio acts too much upon the howels, prepared chalk or oyster sheles may be substituted. I derived much benefit in my own case from the use of agree ammonia, and I think its effects might be improved by combining it with peppermint water, or spir its of levender. Since water will also be found we ful by men tralizing the acid and discharging the gases. One of the best meses to relieve there very un = pleasant sensations, is sipping a have of water as had as it can be taken. To relieve pryrosis, which is often a tran blumar at this stage of the disease, the



alkades of Adoline in the most to mortes to in sppropriate dose, fasterdaying oping to fall all by much of opinites. Here the Ories of He would have down much catalley, I true it in my even present methants any accountage.

The same now to took speek of the truet ment of the more aggreend asset of indegetten, or without the more aggreend asset of indegetten, or without the muse and only the thomash, and sent time

ment of the more aggresaled said of indigition or school the museum lead of the stomach and sentitude of the anoximum, hastisten on shooning inflowed mation. I'm investion has of severe is, to subsine the inflowmenters and restore healthy action to the forty between men property, but when the partial throught is considered the this is in hot order, the pulse much several and the experitual through the property and the property and the forty through the form any the more is somewhat and the special through the best school the form of blood has been ten much me leated. It appears to me fee better that this stage of in eigenter might me fee better that this stage of in eigenter might



be managed with much greater facility, if we were more in the habit of viewing it as a state of gastoice phlogosis, and treating it according by by the frequent application of cups or luches, Along with the proper repetition of local depletion I know of no prace = tice more unful than that recommended by Mr. ethernethy, and so succepfully applied for many years by my brother & Isaac Histor of Preading. I alluce to the possessing use of the Blue Pile. It is probable that this remedy operates by subsurling the descript action of the capillaries and instituting a more healthy one in its place; and the change it produces on the secretions in general and those of The liver particularly, should also be taken into con sixuration in accounting for its efficacy. The man ner in which I have seen it exhibited, and that in which I took it, is, in the dose of four or fine you grains of the map as airected to be made by the american Dispensatory every evening, or every third

enering, sinesting the patient of the same time to take one of the following powers saily an hour hefoir dinner-

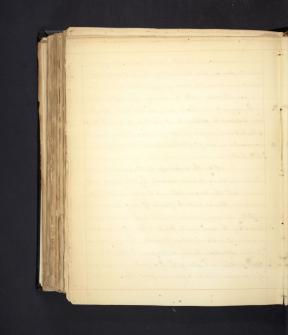
Bo. Pilo: rade . Nhew gos XXX Magnes . Ustyext.

Divide into ten pawders.

then presemptions tweeth in any sense them with the institution of a grape haded of required going to stood, and must have fait, in the cause of a thought term, for peop the backets from the the several remains of the fastinating the present remarks a slight training of the games decorate of moving it has existen is an action that the me and enjoyed in the surface the implication is an action that the me account a place to face the me account a death to from stood of the me account a death to from stood or a shorp in the calculating the the former of the face and the please of the face o

Spacescan has in the seas of one or two grains reports four or fire times a day, has him much reason to the time of typepoposes, and I have no search to be to be an impact to the time may ascent tage, but it am supposed to altowheart any ascent tage, but it am supposed to altowheart any ascent tage, but it am supposed to altowheart to failure to an ille town supposed to altowheart to failure to an ille town supposed in the surface of the major for surface and have proportion with the major for bills peller

after the tension of the spigal trium has been in Series America affermed by the above test present, and the tengen affermed a more healthy appearance, tomis twill be found of unequivaried and little to the majority at perty party at fear the appearance and the series of information passent, had by paying proper attention to the difference dottien the engine function and there at fewer that are that every ferrequisition and known the of a part, are that every for present that a series of the party are that a series of the present the present that a series of the present that the present that a series of the present that the present the present that



state of se bility, a still liable to inflammatory as tion, indeed oven more liable than a strong part. If then a recat part he more liable to take in inflammation then a strong one, and tonics give strongth to those parts, their whility in these caus tuill at once he obvious. It may indus hi con tended on the other hand that torries may be useful Journations, but must be detainental when in flammation slove by exists. This reasoning is, to a cotour extent, cornect, when applied to active in flammation, but I think it is pretty well estate lished that chronic inflormation occurs in those parts only whene vitality is deficient, or in other wards, in weak parts. Then have see have a weak part in which a lew inflormation existed, but has been reduced by depletory measures, which livings it to a condition so analogous to a simple debit itated state that in its treatment it may be considend as such. Experience also hear me outrin my

The was little syrup.

opinions, not only in the locationed of integration but also of several other assess, as throwing when noticing industrial towns under their directions for the surple betters such as selondo, gention, grapic se. After we have drawn a sufficient greatify of blood by supping a learning, and stong with the

tenic and new winds treatment, it will often be very useful to Keep up an imitation on the efficient town by many of thisters or terter metic einternal Whom the postant is trendled with that look

some symptom, feter of beenth, the char coal will be found weful !

In then case when there is a continue gent water of and in the stomach, the established of the mineral and will be found the most preful. It was the Newton and that fost games we may read that fost games we may read that fost games we may read that softendown, after being affected in this painful manner for many those months, and after been

* The first eden of taking the nitrie as we was recover and from hombertons treaties on siscous of the at-

ing experienced no hereful from a variety of remesies taken at the suggestion of several of the most xistinguished physicians of this country. It immedi the effect was to relieve oppopion, and its finot one to remove costimues and produce a sharp on the faces similar to merauny, to which I can ceine its action is very analogans. In regard to the sympathetic affection such as vertigo, panalysisa I have nothing to and, as they will generally be even by a removal of the gastrie aisonder.

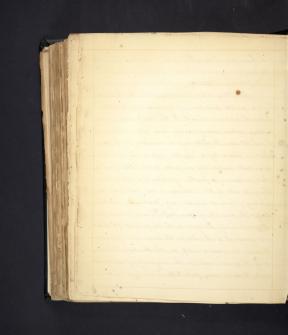
This is certainly of the highest importance to the subject of indigestion, and some its pro-Ther regulation must be sensitured a sim qua non to neavery. All the medicines in the lists of the apotherany will be of no aveil, willy is : Storiet regard he paid to regimen.

This part of the subject may be treated under

* When milk, after a fair trial, is Course to sinesce with the stomach, over mer, he town substitutes, which will often be siguted by the most delicate two heads, ving : Tood and Drink.

Good.

let my observantions lead me to believe that a milk diet, so highly sporten of by From fepor Chapman, should be the only sut in due peopliar where idiosprovady does not entirely exchese its use. It will have be mer pary to explain what I mean by a mulk diet - The jostint is to subsist exclusioning on well hated stale breed, of what perhaps is perferable, creckers, rice, and milk. The face is to be taken thrive a day, without de viating from it was my pretension whatever, except the one show specified. The milk will in all Joro ba bility desagree with the patent for five or six days at first, but in the cause of a few weeks It will be more triedly on the stomach Than any thing else, and in the majority of instonces will become very palatable.



It may not be improper here to say a few words on several preparations of milk not in common use . - My umarks on this subject may appear trifting and unimportant to those who, from actual practice or suffering know not how to appreciate them; but in the been vo but physicean, who is aware how much a slight attention to these small matters of ten ministers to the comfort of his patient, they may excite some interest. Mith punch is a very agreeable beverage, but its long continued use may become objection a ble an account of the brandy it contains; as a Thange, however it may be admited admited. It is prepared in the following mauner. To a puit of good new milk adds a to blesproughel of the. hest brancy, with a sufficient quantity of lastsugar and nutning to make it pleasant. Boiled mick property sevened with sugar, mitning oc, taken with a are proportion of stale bread, or crackers, forms

"Man six to significan, me deline that much note of sixen sumproper all other saline prepare "Low" balkould bullen page 119 Mater

I saw on ear in which the partient become seeme invariably on consisting the sea of this I am as long to satisfied as the expression of the procession of th

a very agreeable aich. But one of the most Joslata. ble Jorganations is that cultir funcate; - it is formed by soughting with with annet and anding look Sugar, with a suitable quantity of action into or meetings. When were is eaten it should be harted for a long time so as to become perfectly soft; and may then he seasoned with sast and a little mo lapes, or it may be formed into plain proling with mith and sugar. have formens who are unable to pursue the course of dut specified, I would refer to a small publication by & Mean, of Philadelphia entelled Observations on the sick head ashe. On this truly valuable little work can be easily procured and should be in the hands of every Johnstrian and approprie, I dum it unnecessary to make any extracts from it. #



The hest wind of drink, as a general rule, is simple sale water not too coto; and if there be any thing required beyond this let there he a little good broudy added. Water taken as hat as proporble will allay thirst and remove opprepion most effective ally. Malt liquors are generally interdicted, but my brother, I Isaac Histor, has heen in the had it for a number of years, of recommending good porter or ale to his patients with week sigestian or gans with effects the most decidedly here ficial. Water sweeting and aciaulates with ship eligion witrial makes a very pleasant drink, and in my own case I found it beneficial to umone acidity and give tone to the stomach.

Exercise.

It will be reasily perceived from all that he her said that everage is a very impor-

"The deligant wer of the flesh-brush morning and evening is a most powerful restorative means, and should never be neglected. From the experience I have had in my sum case I would suggest the use of the typic or call . Lath where it is followed by an agreeable glanton the surface. The bath should never be taken immes diately after a much.

tent mesure in the own of inaigstion. The rules in regard to this are few and simple . - Corniese. on horseback should always be prefered, and a journey of some length, moderately poursuis, is Torreproable to short vises in the neigh bourhood .-When rising is sent of the patients power, walking. must be substituted, but it should never be cerried to fatigue. Exercise should be avaided when the stomach is supty, nor should it he taken in mediately after esting, but, on the contrainer The patient should not in a recumbered position for the space of an haur after every meal. There were must be steadely achieved to, not men by for a short time, but until the cure" accomplished.

